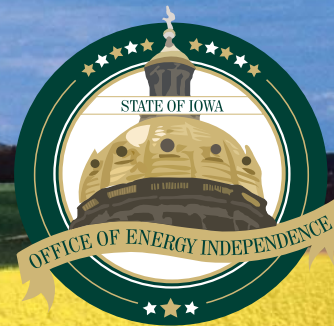


Office of Energy Independence



Energy Independence Update

March 10, 2009

February Power Fund Project Spotlight

TPI Wind Blade Advanced Manufacturing

Award: \$2.1 million

Matching: \$4.2 million

Project goals:

- Reduce direct labor hours spent per blade, among other process efficiencies.
- Reduce cost of transporting blades and composites to Midwest by having the plant in Iowa.

Importance to Iowa:

- Providing support to the developing wind industry.
- Maintaining Iowa's leadership in renewable energy (nationally ranked number two in wind energy capacity).

POET Project Liberty

Award: \$14.75 million

Matching: \$216.25 million

Project goals:

- Develop a commercial-scale cellulosic ethanol plant that is a replicable model for other ethanol plants.
- Utilize corn fiber and corn cobs to produce ethanol in a cost-effective way.

Importance to Iowa:

- Advancing Iowa's strength in biofuels through second generation technology.
- Contract terms include the opportunity for payback to the Power Fund, if technology is successfully replicable.

Power Fund Quick Facts

177 applications processed

More than **\$346M** requested

Over **\$1B** in matching funds



19 project awards, valued at
\$32 million with \$184 million
leveraged

OEI Works to Build Energy Efficiency Capacity

Re-establishing Iowa's leadership role in energy efficiency is an important goal for OEI. The former Energy Bank program, led by Iowa DNR, was a nationally recognized program for public buildings and was used as a model for other federal and state programs.

OEI has been working to ramp up the program, now titled: Building Energy Management. The program will conduct energy audits, assist with financing, and assist with implementing energy efficiency measures for public buildings.

This program will also provide Iowa with the opportunity to go above and beyond the requirements of the federal funding from the American Recovery and Reinvestment Act. The Building Energy Management program will fund additional projects that can help Iowa meet an increasing electricity demand through energy efficiency measures.

OEI Legislation Seeks to Help Chart Iowa's Course to Energy Independence

The state's establishment of the Power Fund and Office of Energy Independence renewed the opportunity to accelerate Iowa's national leadership position on energy policy and programs. SSB 1262/HSB 237 (OEI Operations & Capacity Bill) is intended to consolidate the state's delivery of energy policy and programs into one agency. It will provide the necessary program support to drive our energy initiatives and contribute to our existing strengths in wind energy, biofuels, and energy efficiency. With appropriate staffing, OEI will be able to:

- Attract tens of millions in competitive federal funding, leveraging the investment of local and private dollars to federal dollars.
- Effectively and responsibly utilize federal stimulus funding for energy efficiency in public and private buildings, energy efficiency block grants for smaller communities, and energy efficiency rebates for all consumers, making Iowa a model state for program delivery.
- Advocate and support the biofuels industry through infrastructure and market development, support of technology enhancement; create consumer understanding and widespread integration.
- Advocate for build out and consumer use of renewable energy to maintain Iowa's leadership role in installed wind energy capacity.

Federal resources are increasing, along with the responsibility to achieve results. To effectively meet the federal requirements, enhance Iowa's energy leadership, and grow our energy efficiency and renewable energy infrastructure, the state's energy office must have the ability to hire full time staff members with energy experience.